



PATENT

Client-Matter No.: 066654-622 (P-LJ 4714)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Lipton and Okamoto

Serial No.: 09/876,187

Filed: June 5, 2001

For: METHODS OF DIFFERENTIATING
AND PROTECTING CELLS BY
MODULATING THE P38/MEF2
PATHWAY

Group Art Unit: 1632

Examiner: Anne Marie Falk

Confirmation No.: 5845

I hereby certify that this correspondence is
being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Mail Stop Sequence, Commissioner
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450,
on May 9, 2003.

By Andrea L. Gashler
Andrea L. Gashler, Reg. No. 41,029

May 9 2003
Date of Signature

Mail Stop Sequence
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

TRANSMITTAL

TECH CENTER 1600/2900

Responsive to the NOTICE TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR
AMINO ACID SEQUENCE DISCLOSURES mailed April 9, 2003, the
following are provided:

- X (1) a copy of the NOTICE;
- X (2) a copy of the sequence listing in computer
readable form;
- X (3) a Preliminary Amendment with attached Appendix A;
- X (4) paper copy of sequence listing, pages 1
through 21;
- X (5) a statement under 37 CFR §1.821(f) and (g);
- (6) a Petition for Extension of Time; and
- X (7) Communication regarding sequence listing.

Please charge my Deposit Account No. 502624 in the
amount of \$_____, \$_____ of which covers the fee for a _____-month
extension of time. A duplicate copy of this sheet is enclosed.

Inventors: Lipton and Okamoto
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Page 2

The Commissioner is hereby authorized to charge payment of any additional fees associated with the filing submitted herewith or credit any overpayment to Deposit Account No. 502624. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Date: May 9, 2003

Andrea L. Gashler

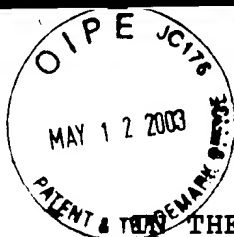
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MCDERMOTT, WILL & EMERY
4370 La Jolla Village Drive, 7th Floor
San Diego, California 92122



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COMMUNICATION REGARDING SEQUENCE LISTING

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New pages 1 through 21 are submitted herewith
containing Sequences 1 through 24, formatted in accordance with
the conventions set forth in 37 C.F.R. § 1.823.

The replacement Sequence Listing differs in several
respects from the original Sequence Listing. New SEQ ID NO: 24
(PHESRTNSDIVE), which represents the calmodulin kinase IV site
shown in original Figure 1B, has been added. This sequence,
which was present in Figure 1B as originally filed with the
application, was omitted from the earlier Sequence Listing due to
an oversight.

SEQ ID NOS: 7 and 8 also have been corrected to conform
with original Figures 5A and 5B. In addition, SEQ ID NO: 17 has

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been corrected at residue 17 to conform with the proline shown in this sequence in original Figure 1B.

No new matter is introduced by the replacement Sequence Listing as it merely represents the sequences originally set forth in the application. Accordingly, entry of the pages containing the replacement Sequence Listing is respectfully requested.

No fee is deemed necessary in connection with the filing of this Communication. However, if any fee is required, authorization is given to charge the amount of this fee to Deposit Account No. 50-2624.

Respectfully submitted,

May 9, 2003

Date

Andrea L. Gashler

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